Data Sheet
FUJITSU FUTRO S720
Thin Client

The Affordable Thin Client

The individually configurable thin client FUJITSU FUTRO S720 is ideal for secure server-based computing and desktop virtualization. Silent and easy to use, it also offers straightforward integration and manageability. User convenience is supported through a small footprint, dual monitoring and unique connectivity options. Exceptional quality guarantees a long lifecycle. Combined with low energy consumption, this will help minimize your TCO.

Green technology
Your company's contribution to environmental protection
- A modern, environmentally conscious product concept - from development to recycling

Relaxed working
Quiet system for a pleasant working environment
- Flash memory and passive cooling concept

Energy efficiency
Saves energy and reduces CO2 emissions
- Integrated system concept with high-level power-saving components

Manageability
Easy administration while reducing total cost of ownership
- Outstanding manageability solution

Backpack solution
Less space needed
- The FUJITSU FUTRO S720 can be mounted behind a display

Technical details Components

Memory modules	2 GB (1 module(s) 2 GB) DDR3, 1,600 MHz, PC3-12800, SO DIMM
	4 GB (1 module(s) 4 GB) DDR3, 1,600 MHz, PC3-12800, SO DIMM
Graphics	DVI to VGA Adapter
	DP to DVI-D (single link) Adapter Cable
Hard disk drives (internal)	mSATA, 2 GB Flash drive (SLC technology)
	mSATA, 4 GB Flash drive (SLC technology)
	mSATA, 8 GB Flash drive (MLC technology)
	mSATA, 8 GB Flash drive (SLC technology)
	mSATA, 16 GB Flash drive (MLC technology)
	mSATA, 32 GB Flash drive (MLC technology)
Interface add on cards/components (optional)	
	WLAN Atheros 802.11a/b/g/n
	Internal speaker
	2nd LAN/Power-over-Ethernet module
Base unit	FUTRO S720
Operating system and software (Linux)	
Operating system	eLux™ RP – Embedded Linux
Functions	Citrix® Receiver for Linux (for ICA / HDX protocol), V12.1.6.0-5 Citrix® HDX RealTime Media Engine, V1.4.0.902-1 VMware® View Client (for PCoIP protocol), V5.2.1.1-3 (optional) FreeRDP Client (for RDP protocol), V1.0.2.1-10 RDPConnect, V3.1-1 Adobe® Flash Player 11 for Linux, V11.2.202.297-1 Mozilla Firefox® Browser, V17.0.5-3 VPN System, V4.1-1 ThinPrint® client, V7.0.41-1 Bios_tools for remote BIOS updates via Scout Enterprise), V1.0-1 PowerTerm InterConnect, V7.1.2-3, (requires additional license for activation) Updates and all available software packages for eLux™ RP can be downloaded from www.myelux.com
Manageability	Scout Enterprise, flash memory management, embedded operating system update and system monitoring, BIOS update, managing devices by location, group or user, individual operating system composition with ELIAS (Scout Enterprise license required)
Operating system and software (Windows)	
Operating system	Windows Embedded Standard 7 (WS7P)
Functions	Language: EN, DE (FR, IT, ES in addition for pre-installation 1) Citrix Receiver Enterprise 4.1 VMware View Horizon Client 2.3 RDP-Client Protocol V 8.0 with RemoteFX Scout Agent for WES 7 (Build 62) WEDM Microsoft Windows Embedded Device Manager Sumatra PDF Reader 2.1.1 DotNET Framework 2.0, 3.0, 3.5 (4.0 in addition for pre-installation 1) Internet Explorer 9 Media Player 12 Premium Multimedia Codecs Adobe Flashplayer 11.5 Security (SmartCard Reader support) FBWF File Base Write Filter, EWF Enhanced Write Filter
Manageability	Scout Enterprise, flash memory management, embedded operating system update and system monitoring, managing devices by location, group or user, individual operating system composition with ELIAS

Operating system and software (Windows)	
VPN (Windows)	VPN through CUZ available
Mainboard	
Mainboard type	D3313-B
Formfactor	miniITX
Processor options	AMD G-Series GX-217GA (1.65 GHz, Dual Core, 1 MB, AMD Radeon™ HD 8280E)
Processor quantity maximum	1
LAN	Built-in 10/100/1,000 MBit/s
BIOS features	BIOS Flash EPROM update by software Recovery BIOS Unified Extensible Firmware Interface (UEFI)
Audio type	On board
Audio codec	Realtek ALC671
Slots	
Interfaces	
	FUTRO S720
Audio: line-in	1
Audio: line-out	1
Front audio: headphone	1
Front audio: line-in / microphone	1
USB 2.0 total	6
USB 3.0 total	2
USB front	2
USB rear	4
USB internal	2
DisplayPort	1 DP
DVI	1 DVI-I (integrated VGA can be used with DVI-VGA adapter)
Serial (RS-232)	1 external
Mouse / Keyboard (PS/2)	2
Ethernet (RJ-45)	1
Graphics brand name	AMD Radeon™ HD 8280E (in combination with AMD G-Series GX-217GA)
Graphics color depth	32 bit colors
Shared video memory	up to 256 MB
TFT resolution (VGA)	up to 1,920 x 1,200 pixel
TFT resolution (DVI)	up to 1,920 x 1,200 pixel
TFT resolution (DisplayPort)	up to 2,560 x 1,600 pixel
Graphics features	DirectX® 11.1 Shader Model 5 Open CL® 1.2 OpenGL® 4.1
Graphics notes	Graphics resolution depending on operating system and management solution.
Network	
Network	TCP/IP with DNS and DHCP Point-to-Point protocol Supported Citrix Load Balancing over ICA DHCP support for automatic firmware upgrades and unit configuration Multiple master browser support on ICA
Electrical values	
Rated voltage range	100 V - 240 V (AC Input)
Rated frequency range	50 Hz - 60 Hz
Operating voltage range	100 V - 240 V (AC Input)
Operating line frequency range	50 Hz - 60 Hz

Power consumption for standard configuration with Windows Embedded Standard	
Power consumption: Maximum (S0, running appl.)	11.8 W (typical configuration)
Power consumption: Idle (S0, running OS, Idle mode)	4.0 W (typical configuration)
Power consumption: Minimum (ACPI status S5, soft off, WOL enabled)	0.52 W (typical configuration)
Dimensions / Weight / Environmental	
Dimension with stand (W x D x H)	97 x 191 x 266 mm
Operating position	Vertical / horizontal
Weight	1,2 kg
Weight notes	Actual weight may vary depending on configuration
Operating ambient temperature	10 - 35 °C
Operating relative humidity	5 - 85 % (relative humidity)
Compliance	
Product	FUTRO S720
Model	TCS-D3313B
Compliance notes	Energy Star compliance may vary depending on actual configuration
Compliance link	http://globalsp.ts.fujitsu.com/sites/certificates
Security	
System and BIOS Security	Write protection for the Flash module Optional: Trusted platform module (TPM 1.2)
Warranty	
Standard Warranty	2 years (depending on country)
Service level	Bring-in Service (for countries within region FTS CEMEA&I, for all other countries depending on local regulations, minimum: 2 years material warranty)
Warranty Terms & Conditions	http://support.ts.fujitsu.com/warranty
Maintenance and Support Services - the perfect extension	
Recommended Service	9x5, Response Time: Next Business Day
Spare Parts availability	5 years after end of product life
Service Weblink	http://www.fujitsu.com/fts/services/support

Recommended Accessories

Midspan Micro Semi PD-9501G		Midspan Micro Semi PD-9501G is a single port Power over Ethernet solution, specially designed to power IEEE 802.11n and other high power Ethernet end Terminals with 60W. It is fully backward compatible and easy to implement in your existing Ethernet infrastructure.	Order Code: S26361-F1744-L10
Midspan Micro Semi PD-9512G		Midspan Micro Semi PD-9512G is a Power over Ethernet solution with 12 ports, -72W per port, specially designed to power network devices like cameras, access control systems, Thin Clients and other Ethernet end terminals. It is fully backward compatible and supports IPv4 and IPv6.	Order Code: S26361-F1744-L20

More information

Fujitsu OPTIMIZATION Services

In addition to FUJITSU FUTRO S720, Fujitsu provides a range of platform solutions. They combine reliable Fujitsu products with the best in services, know-how and worldwide partnerships.

Fujitsu Portfolio
Build on industry standards, Fujitsu offers a full portfolio of IT hardware and software products, services, solutions and cloud offering, ranging from clients to datacenter solutions and includes the broad stack of Business Solutions, as well as the full stack of Cloud offering. This allows customers to leverage from alternative sourcing and delivery models to increase their business agility and to improve their IT operation's reliability.

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More information

Learn more about FUJITSU FUTRO S720, please contact your Fujitsu sales representative or Fujitsu Business partner, or visit our website.
www.fujitsu.com/fts/FUTRO

Fujitsu green policy innovation

Fujitsu Green Policy Innovation is our worldwide project for reducing burdens on the environment.
Using our global know-how, we aim to contribute to the creation of a sustainable environment for future generations through IT.
Please find further information at http://www.fujitsu.com/global/about/environment

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2014-09-26 CE-EN

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